

MEMORANDUM. UTAH DEPARTMENT OF TRANSPORTATION

DATE: October 18, 2004

TO : Those on the attached list

FROM : Bill Lawrence, P.E.
UDOT Concrete Engineer
(801) 965-4560
BillLawrence@utah.gov

SUBJECT: Utah Pavement Council

Date: October 20, 2004
Location: UDOT Complex, Large Conference Room, first floor
Address: 4501 South 2700 West
Salt Lake City, UT 84119
Time: 1:00 PM to 4:00 PM

The following ground rules are recommended for our group: 1. Participate by providing your agenda items and reviewing the specifications or procedures and making comments. 2. Bring your reviewed copy of the draft. 3. Come on time and stay and participate as best you can. 4. Stay on task during discussions. 5. Keep personal gripes to a minimum. 6. Keep side conversations during breaks only.

Next Meeting Date: November 17, 2004 1:00 PM

AGENDA
Utah Pavement Council
Wednesday, October 15, 2004

1:00 PM, UDOT Complex
Large Conference Room, First Floor
4501 South 2700 West
Salt Lake City, UT 84101

- 1:00 - 1:05. **1. Welcome** - Bill Lawrence
- 1:05 - 1:15. **2. Additional Requirements for Fast Track Concrete** – Doug Bedingfield (Staker & Parsons), Bill Lawrence (UDOT).
Summary: Moved to November.
- 1:15 - 1:45. **3. Discuss new ASTM Test C 1567, modified 1260, UDOT's 3055 specification regarding blended cements & fly ash use** – Todd Laker, (Holcim Cement).
Summary: ASTM C 1260 modified into a new specification (ASTM C 1567) that allows, mix design specific ingredients for testing for ASR. Ramifications of use. Allows mix design changes to mitigate ASR issues. Industry running ASTM 1293, and comparing to 1260. What modifications, if any, need to be done to UDOT specification? Can open up use of blended cements for ready mix plants that have only on silo.
- UDOT's requirement that no fly ash be added to blended cement, can it be changed to allow, fly ash additions. Move to RME meeting and bring back to UPC.
- 1:45 - 2:15. **4. UDOT Hamburg data and Discussion** – Steve Niederhauser (UDOT).
Summary: Steve brought hard copies for those interested. Contact Steve if you need a copy and didn't get one. Reviewed Hamburg data plots. Be aware that the spikes on the graph are not to be included in test results. The supplier has online a corrected software patch that addresses the issue, contact Bryan to get it.
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| BryanLee@utah.gov | 965-4065 |
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- By November 20, Steve needs the round robin testing information back. Need rice, bulk specific gravity, field information, etc...that was requested from industry.
- 2:15 - 2:45. **5. Update on the where we are regarding the HMA Quality Management Plan.** – Tim Biel, Murari Pradhan.
Summary: A hard copy of the plan was handed out for review. 3.4.2 has been added. Issues brought up regarding bag house fines metering. For plants that don't have bag house fines metering, a calibration can't be made, therefore it should be addressed in the plants QMP. UDOT looking

mostly at documenting what you're already doing. Minor changes will be made to the draft, as "noted" in the discussion. Send comments to Murari by Nov 1st. mpradhan@utah.gov

- 2:45 - 3:00. **6. Update on the Flakiness index test** – Bill Lawrence (UDOT), Tim Biel
Summary: It's going onto the specification. Will send out test method to everyone.
- 3:00-3:15 **7. Bucket mixer no longer acceptable according to the Manual 8 section 960.03. Discussion.** Jeff Collard (Staker & Parson).
Summary: Industry would like to continue to use the bucket mixer. One issue is that the five-gallon bucket has a seam that leaves fines in it. UDOT will look into this further and respond next time as to why it was disallowed. Desna Bergold and Jeff Collard will discuss it, and respond next month.
- 3:15-3:45 **8. UDOT hired Consultant QA/QC turn-around time. Highlighting local government. Implementing a minimum turn-around time – e.g. 1 hour before the next production day.** Victor Johnson (Geneva Rock)
Summary: Some time constraints need to be added to the specifications, specifically regarding local government third party testing. The issues are being discussed currently at UDOT at a higher level. Todd Emery of FHWA and Victor are to discuss the current project in question. Any new information will be reviewed next month.
- 3:45-4:15 **9. High-speed profilometer certification. How close are we to accepting this application as an approved assurance method?** Victor Johnson (Geneva Rock)
Summary: Correlations between IRI and Profilometer need to be done. If correlations can be made with the high-speed profilometer then its use could be used, if it can be certified. Correlations need to be within 10% of PI and 10% of must grinds.
- 4:15-4:30 **10. HMA Special Provision. Follow up on September's void spec. Comments.** Victor Johnson (Geneva Rock)
Summary: Was dropped. UDOT will continue to review.

Other Items:

Next Meeting November 17, 2004